

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)
2. (Previously presented) The electroacoustic microphone according to claim 12, wherein the electrostrictive elements are piezoelectric elements.
3. (Previously presented) The electroacoustic microphone according to claim 12, operating electrostatically and comprising a diaphragm and an electrode, wherein the electrode is the electrostrictive element.
4. (Previously presented) The electroacoustic microphone according to claim 12, operating electrostatically and comprising an electrode and a diaphragm with an annular spacer securing the diaphragm and the electrode at a spacing from one another, wherein the annular spacer is the electrostrictive element.

5. (Previously presented) The electroacoustic microphone according to claim 12, operating electrostatically and functioning as a microphone, further comprising a control loop configured to determine a voltage supplied to the electrostrictive element to compensate manufacturing tolerances and temperature effects having a negative effect on the spacing between the electrode and the diaphragm, wherein the electroacoustic transducer or electroacoustic capsule has a capacitance providing a parameter for the control loop for determining the voltage supplied to the electrostrictive element.

6. (Previously presented) The electroacoustic microphone or electroacoustic capsule according to claim 12, operating electrostatically and functioning as a microphone, comprising a sound receiver arranged between a main source of sound and the microphone and determining a sound level, wherein values of the sound level measured by the sound receiver are employed for controlling a voltage supplied to the electrostrictive element.

7. (Previously presented) The electroacoustic microphone or electroacoustic capsule according to claim 12, having at least

one sound inlet comprising an electroacoustic friction pill arranged in the area of the sound inlet, wherein the friction pill is comprised of two plates of electrostrictive material having edges, wherein on the edges of the plates small openings are provided, wherein the plates are metal-coated on their top and bottom sides and have an electrical contact, wherein the plates are electrically connected in series.

8. (Previously presented) The electroacoustic microphone according to claim 7, wherein the electrostrictive elements are piezoelectric elements.

9. (Previously presented) The electroacoustic microphone according to claim 12, comprising a sound passage, wherein the electrostrictive elements release or cover the sound passage as a function of the dimensional changes of the electrostrictive elements.

10. (Currently amended) The electroacoustic microphone ~~transducer~~ or electroacoustic capsule according to claim 12, comprising a first hollow space and a second hollow space, wherein the electrostrictive elements connect or separate the

first and second hollow spaces as a function of the dimensional changes of the electrostrictive elements.

11. (Previously presented) The electroacoustic microphone according to claim 12, comprising a component with a channel, wherein the electrostrictive elements release or cover the channel of the component as a function of the dimensional changes of the electrostrictive elements.

12. (Currently amended) An electroacoustic microphone, comprising an electrode and a diaphragm connected to a microphone amplifier via electrical contacting, said electrostatic microphone comprising at least one electrostrictive element connected to a second electrical circuit, said second electrical circuit being independent from the electrical contacting of the electrode and diaphragm, and further comprising a controllable power supply for applying a predetermined voltage to the electrostrictive element such that the electrostrictive element changes its dimension and in turn changes the geometry and the acoustic properties of the electrostatic ~~electrostatic~~ microphone.